

AMENDMENT TO THE CLAIMS

1. (Previously Presented) A computer-implemented speech recognition system comprising:
a microphone to receive user speech;
a speech recognition engine coupled to the microphone, and being adapted to recognize
the user speech and provide a textual output on a user interface;
wherein the system is adapted to recognize a user changing the textual output and
automatically, selectively adapt the speech recognition engine to learn from the
change; and
wherein the recognition engine is adapted to determine if a user's pronunciation caused an
error, and selectively increase a probability associated with an existing
pronunciation.
2. (Canceled)
3. (Original) The system of claim 1, wherein the recognition engine includes a user lexicon,
and wherein the user lexicon is updated if the correction is a word that is not in the user's lexicon.
4. (Previously Presented) The system of claim 1, wherein the recognition engine is adapted
to selectively learn the user's pronunciation.
5. (Canceled)
6. (Previously Presented) The system of claim 1, wherein the recognition engine includes a
user lexicon, and wherein the system is adapted to add at least one word pair to the user lexicon
if the correction is not due to a new word, or a new pronunciation.

7. (Currently Amended) A method of learning with an automatic speech recognition system, the method comprising:

detecting a change to dictated text;

inferring whether the change is a correction, or editing;

wherein inferring whether the change is a correction, or editing includes comparing a speech recognition engine score of the dictated text and of the changed text;

if the change is inferred to be a correction, selectively learning from the nature of the correction without additional user interaction; and

wherein selectively learning from the nature of the correction includes:

determining if the corrected word exists in the user's lexicon, and if the corrected

word does exist in the user lexicon, selectively increasing a probability

associated with the pronunciation of the corrected word; and

determining if a user's pronunciation deviated from existing pronunciations

known by the system by doing a forced alignment of a wave based on at

least one context word.

8-14. (Canceled)

15. (Currently Amended) The method of claim 7-14, wherein determining if the user's pronunciation deviated from existing pronunciations includes identifying in the wave the pronunciation of the corrected word.

16. (Original) The method of claim 15, and further comprising building a lattice based upon possible pronunciations of the corrected word and the recognition result.

17. (Previously Presented) The method of claim 16, and further comprising generating a confidence score based at least in part upon the distance of the pronunciation with the possible pronunciations.

18. (Previously Presented) The method of claim 16, and further comprising generating a confidence score based at least in part upon an Acoustic Model score of the pronunciation with the possible pronunciations.

19. (Original) The method of claim 17, wherein selectively learning the pronunciation includes comparing the confidence score to a threshold.

20-25. (Canceled)

26. (New) A method of learning with an automatic speech recognition system, the method comprising:

detecting a change to dictated text;

inferring whether the change is a correction, or editing;

wherein inferring whether the change is a correction, or editing includes comparing a speech recognition engine score of the dictated text and the changed text;

if the change is inferred to be a correction, selectively learning from the nature of the correction without additional user interaction,

wherein selectively learning from the nature of the correction includes selectively

increasing a probability associated with a pronunciation of the corrected word and

adding at least one word pair to the user's lexicon temporarily;

wherein the length of time the word pair is added to the user's lexicon is based at least

partially upon the most recent time the word pair is observed and the relative

frequency that the pair has been observed in the past.